

WHAT IS CLAIMED IS:

1. Tube for conveying fluids, comprising a plurality of concentric layers (2), an inner layer (3) constituting a conduit (3a) for a fluid to be conveyed, and at least an outer layer (5) for protection and reinforcement, mounted externally to said inner layer (3), characterised in that said inner layer (3) is mainly made from a fluoridated polymer chosen between MFA and PFA, said fluoridated polymer being also pigmented.
2. Tube as claimed in claim 1 characterised in that said inner layer (3) is pigmented white.
3. Tube as claimed in claim 1 characterised in that it further comprises at least an adhesive (6) interposed between the outer layer (5) and the inner layer (3).
4. Tube as claimed in claim 2 characterised in that it further comprises at least an adhesive (6) interposed between the outer layer (5) and the inner layer (3).
5. Tube as claimed in claim 1, characterised in that it comprises a plurality of concentric outer layers (2).

6. Tube as claimed in claim 5 characterised in that at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

7. Tube as claimed in claim 5 characterised in that at least one of said layers (2) is conductive.

8. Tube as claimed in claim 2, characterised in that it comprises a plurality of concentric outer layers (2).

9. Tube as claimed in claim 8 characterised in that at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

10. Tube as claimed in claim 8 characterised in that at least one of said layers (2) is conductive.

11. Tube as claimed in claim 3, characterised in that it comprises a plurality of concentric outer layers (2).

12. Tube as claimed in claim 11 characterised in that at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

13. Tube as claimed in claim 11 characterised in that at least one of said layers (2) is conductive.

14. Tube as claimed in claim 4, characterised in that it comprises a plurality of concentric outer layers (2).

15. Tube as claimed in claim 14 characterised in that at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

16. Tube as claimed in claim 14 characterised in that at least one of said layers (2) is conductive.

17. Method for producing tubes for conveying fluids constituted by an inner layer (3), made mainly of a material selected between MFA and PFA, said material being pigmented, and constituting a conduit (3a) for a fluid to be conveyed, and by at least an outer layer (5) for protection and reinforcement mounted externally to said inner layer (3), characterised in that it comprises the following operative steps:

subjecting an outer surface (4) of said inner layer (3) to a cementing process;

subsequently applying an adhesive (6) to said outer surface (4);  
and

coating said outer surface (4) with said at least one outer layer (5).

18. Method as claimed in claim 17 characterised in that said cementing process takes place by at least partial defluorisation of the outer surface (4) of the inner layer (3).

19. Method as claimed in claim 18 characterised in that said cementing process takes place immersing the outer surface (4) of the inner layer (3) in a sodium and ammonia based bath.

20. Method as claimed in claim 19 characterised in that after being immersed in the bath, the outer surface (4) of the inner layer (3) is extracted from the bath and washed.

21. Method as claimed in claim 17 characterised in that said cementing process takes place immersing the outer surface (4) of the inner layer (3) in a sodium and ammonia based bath.

22. Method as claimed in claim 21 characterised in that after being immersed in the bath, the outer surface (4) of the inner layer (3) is extracted from the bath and washed.